

010481

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC978 U.S. PTO
10/092669
03/06/02

In Re Application of)
Dunworth, et al.) For: CALIBRATION TECHNIQUES
Serial No. Unknown) FOR FREQUENCY
Filed: Herewith, on March 6, 2002) SYNTHESIZERS
Group No. Unknown)

Ha

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)

Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

Applicants submit herewith references of which they are aware in accordance with 37 CFR § 1.56.

In accordance with 37 CFR § 1.98 submitted herewith for consideration by the Examiner are the patents, publications and other information shown on the attached PTO-1449.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on:

March 6, 2002
(Date of Deposit)

Victoria J. Pacey
(Name of the Person Making Deposit)

Victoria J. Pacey
(Signature)

The citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449, which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

These references are being submitted with the application and prior to the issuance of the first Office Action. Therefore, it is believed that no fee is due for this submission.

Respectfully submitted,

Dated: March 6, 2002

By: 

Bruce W. Greenhaus, Reg. No. 37,339
(858) 651-6399

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1179
Facsimile: (858) 658-2502

| | | |
|--|-------------------------------|-----------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) DATE MAILED: <u>March 6, 2002</u> | ATTY. DOCKET NO. 010481 | SERIAL NO. Unknown |
| | APPLICANT Dunworth, et al. | |
| | FILING DATE March 1, 2002 | GROUP Unknown |



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|-----------|-----------------|------|------|-------|--------------|------------------------------------|
| | A1 | | | | | | |
| | A2 | | | | | | |
| | A3 | | | | | | |
| | A4 | | | | | | |
| | A5 | | | | | | |
| | A6 | | | | | | |
| | A7 | | | | | | |
| | A8 | | | | | | |
| | A9 | | | | | | |
| | A10 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------|---------|------|-------|--------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

| | | |
|----------|----|--|
| | C1 | Wilson, et al., "A CMOS Self-Calibrating Frequency Synthesizer", IEEE Journal of Solid-State Circuits, Vol. 35, No. 10, October 2000, pps 1437 – 1444. |
| | C2 | Lin, et al., "A 900-MHz 2.5-mA CMOS Frequency Synthesizer with an Automatic SC Tuning Loop", IEEE Journal of Solid-State Circuits, Vol. 36, No. 3, March 2001, pps. 424 – 431. |
| EXAMINER | | DATE CONSIDERED |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.